

Report No.: 1

Test Time: 2019/3/28 17:40

Luminaire Property

Luminaire Manufacturer: Havit Commercial

Luminaire Description: HCP-8820704 + HCP-8830704 (5500K)

Current: 0.033 A

Power Factor: 0.874

Voltage: 220 V

Power: 6.39 W

Photometric Results

CIE Class: Direct

Measurement Flux: 468.7 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(50%): H31.8

Vertical Diffuse Angle(50%): V31.9

Luminaire Efficacy Rating (LER): 73.39

Max. Intensity: 1187.55 cd

S/MH(C0/C180): 0.53

Total Rated Lamp Lumens: 468.7 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 1180.08 cd

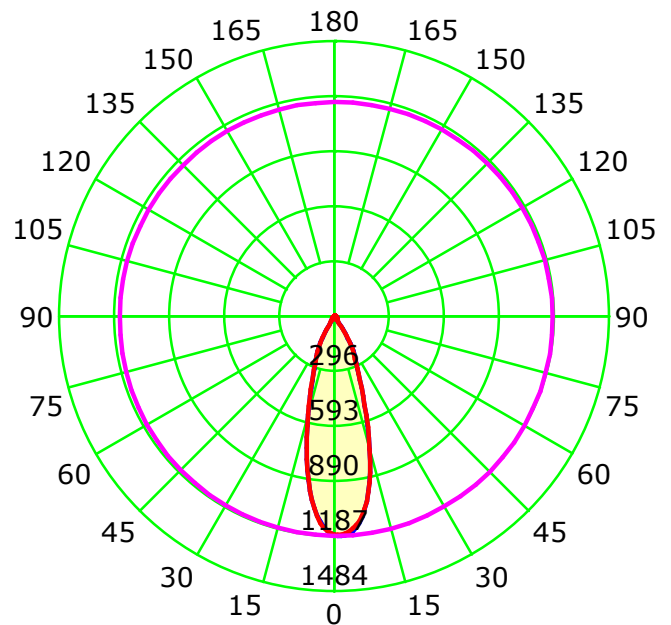
Pos of Max. Intensity: H45 V2

S/MH(C90/C270): 0.53

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 31.8°

— C0-C180 — C90-C270 — G2

C Plane (°):0.0-360.0: 45.0

Test Lab: Inventfine instruments

Test Type: TYPE C

Temperature: 26

Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0

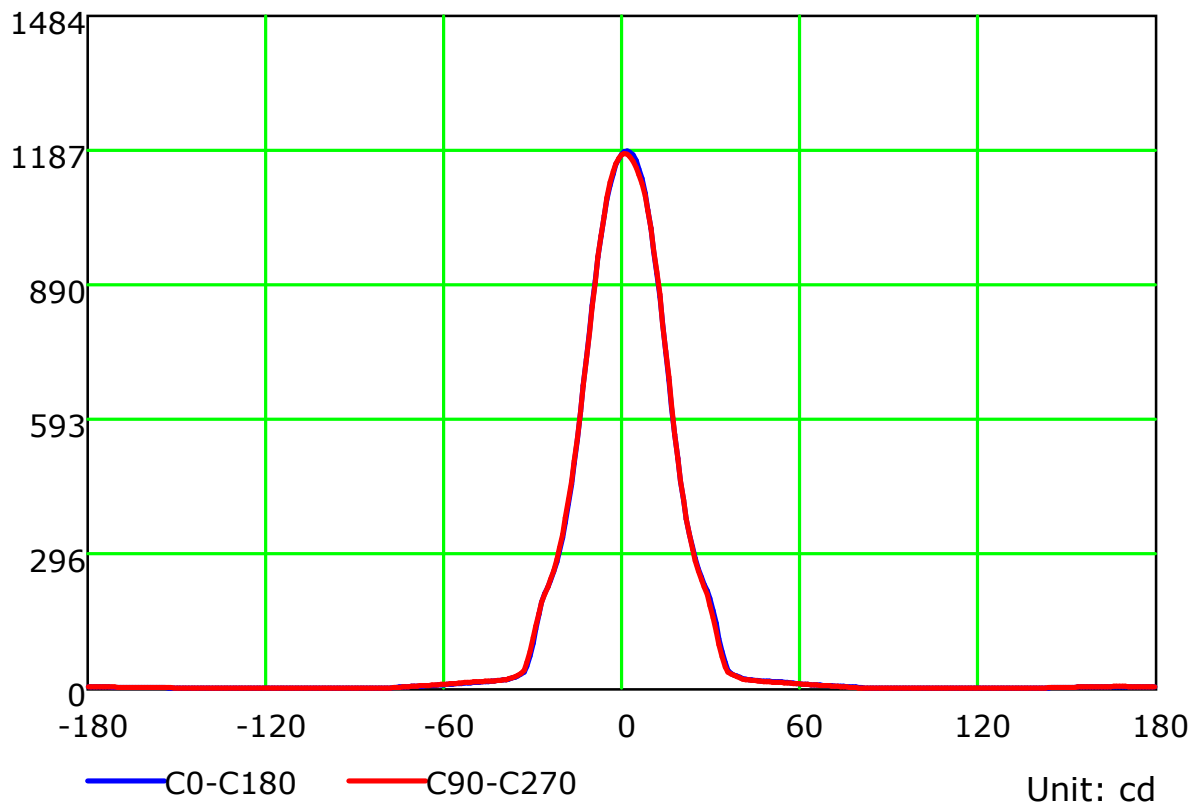
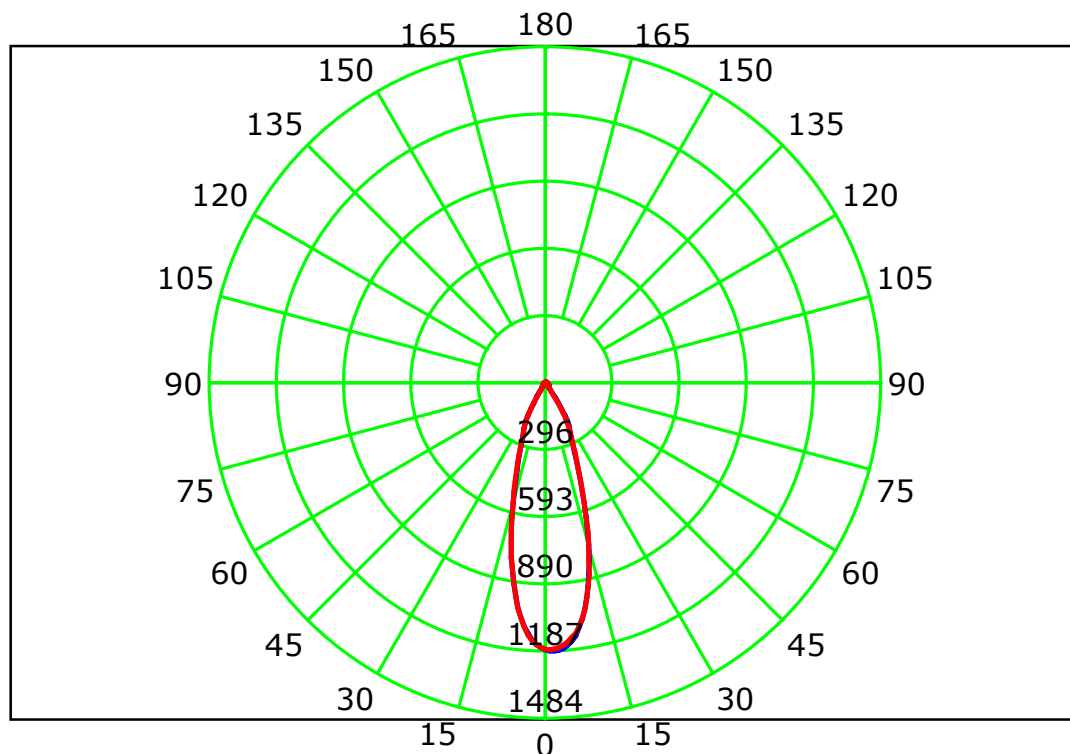
Test Device: GPM-1800B

Distance: 7.970 m

Humidity: 55

Inspector:

Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

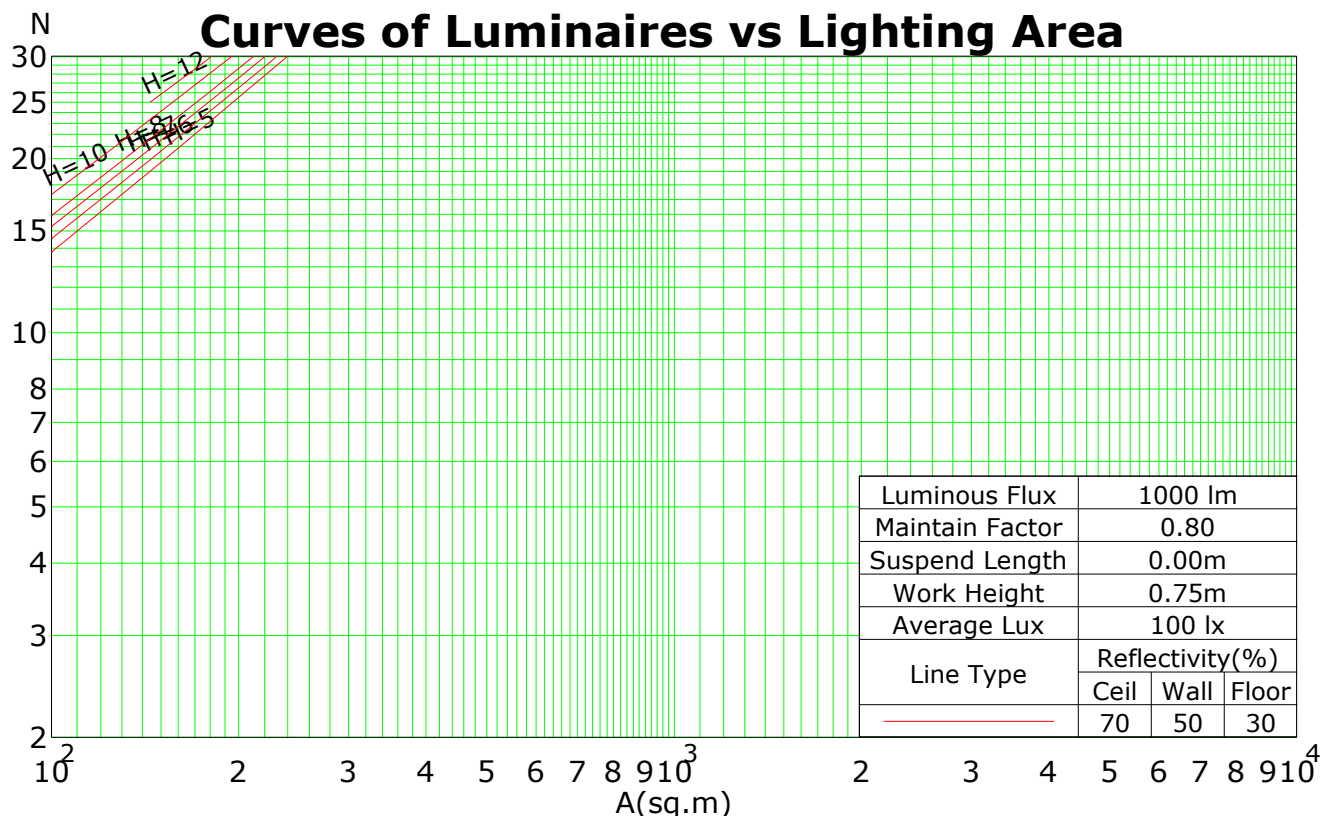
Coefficients Of Utilization - Zonal Cavity Method

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	97	96	96	94
2	109	104	101	98	107	103	99	96	99	97	94	96	94	92	93	92	90	88
3	104	98	94	90	102	97	93	90	94	91	88	92	89	87	90	87	85	84
4	100	93	88	84	98	92	87	84	90	86	83	88	85	82	86	83	81	79
5	96	88	83	80	94	88	83	79	86	82	78	84	80	78	82	79	77	76
6	92	84	79	75	91	83	79	75	82	78	75	81	77	74	79	76	73	72
7	89	81	75	72	87	80	75	71	79	74	71	77	74	71	76	73	70	69
8	85	77	72	68	84	77	72	68	75	71	68	74	70	68	73	70	67	66
9	82	74	69	65	81	73	69	65	73	68	65	72	68	65	71	67	65	63
10	79	71	66	63	78	71	66	63	70	65	63	69	65	62	68	65	62	61

Spacing Criteria (0-180): 0.53

Spacing Criteria (90-270): 0.53

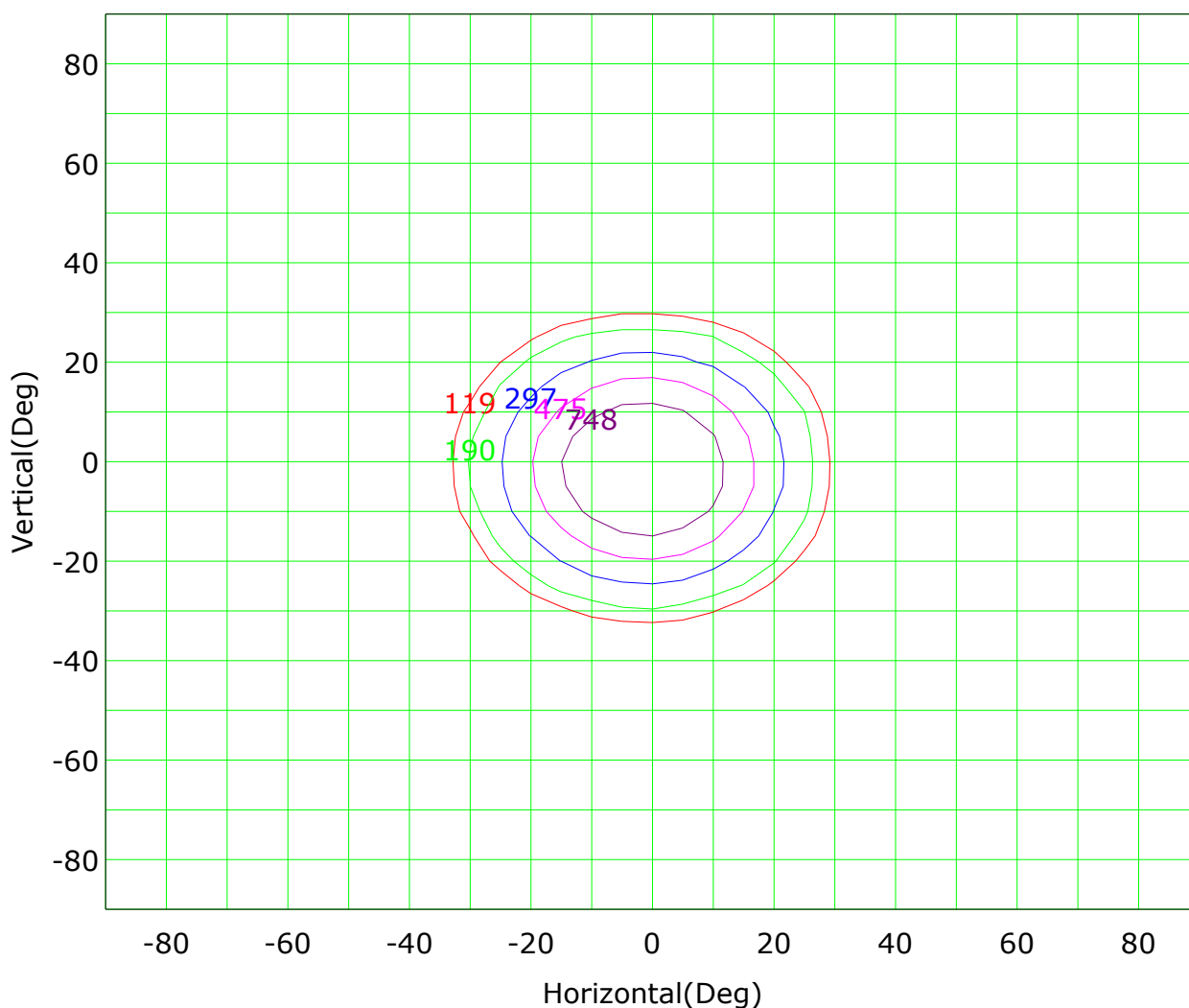
Spacing Criteria (Diagonal): 0.54



C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

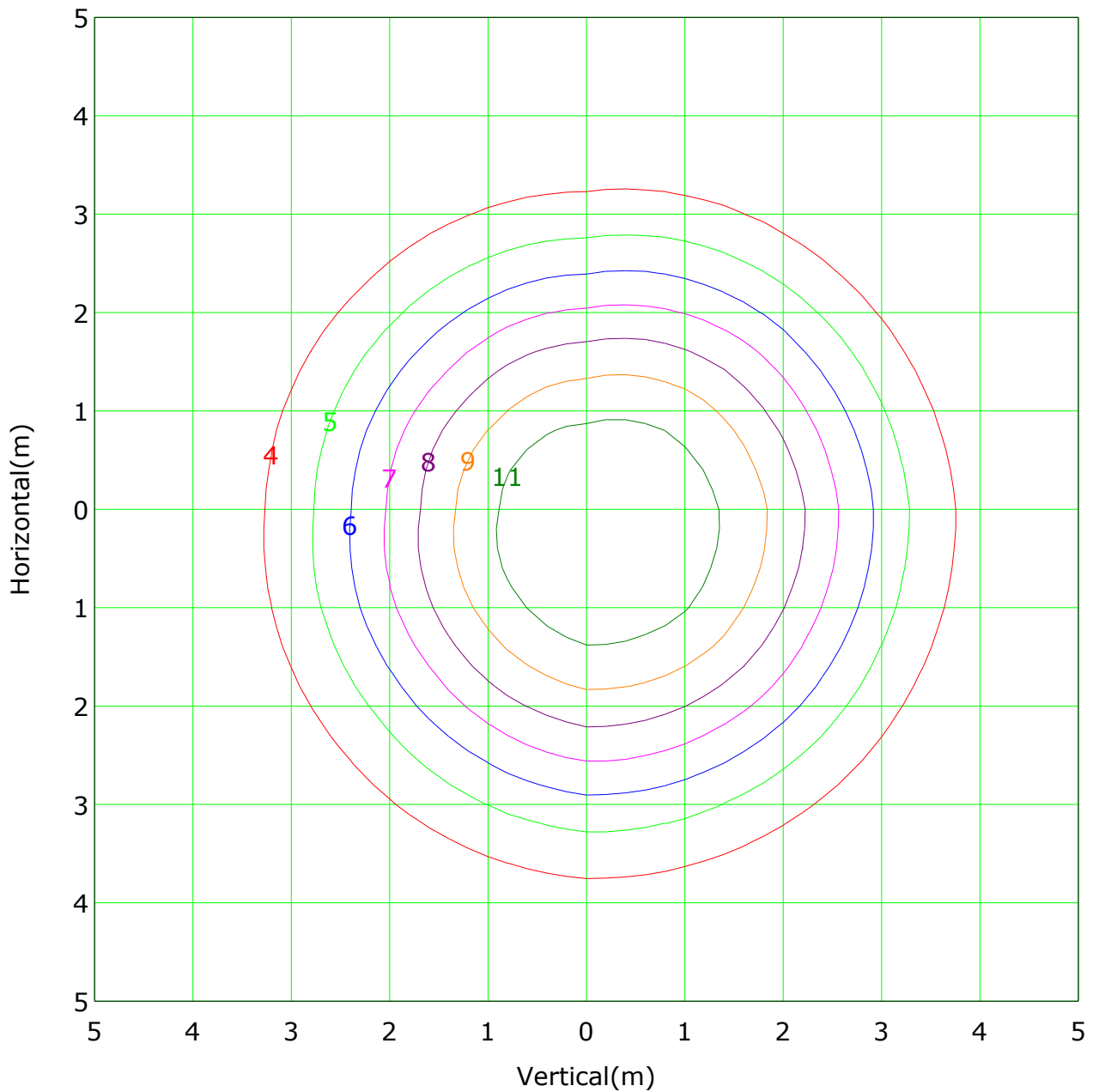
Isocandela (rectangle)



Imax (100%): 1188 cd

(10%):	119 cd	(16%):	190 cd
(25%):	297 cd	(40%):	475 cd
(63%):	748 cd	(100%):	1188 cd

IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 11.9 lx	
— (30%):	3.6 lx	— (40%):	4.7 lx
— (50%):	5.9 lx	— (60%):	7.1 lx
— (70%):	8.3 lx	— (80%):	9.5 lx
— (90%):	10.7 lx	— (100%):	11.9 lx
— (120%):	14.2 lx	— (150%):	17.8 lx

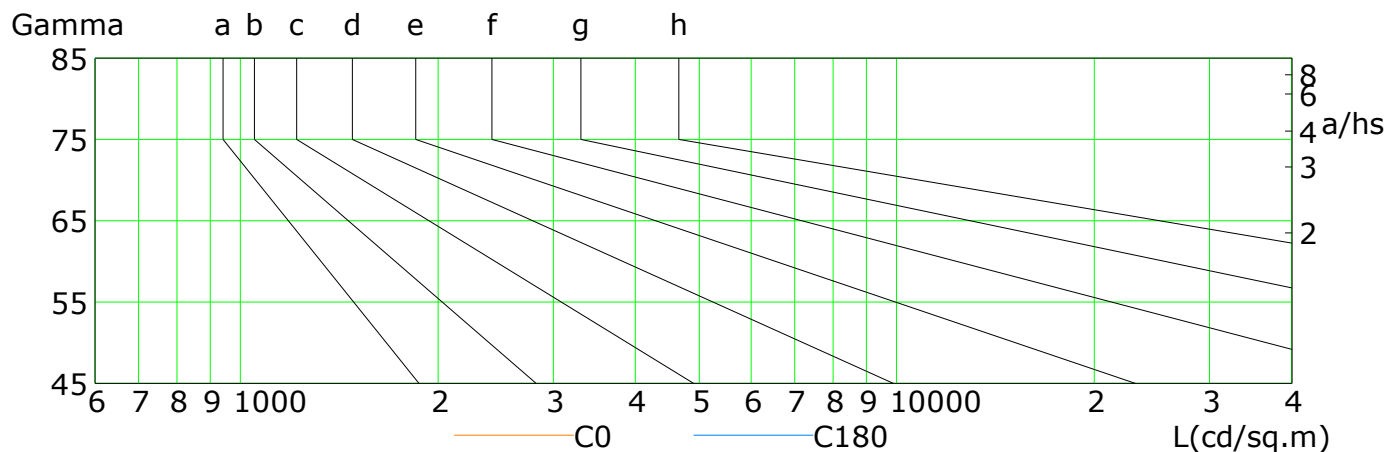
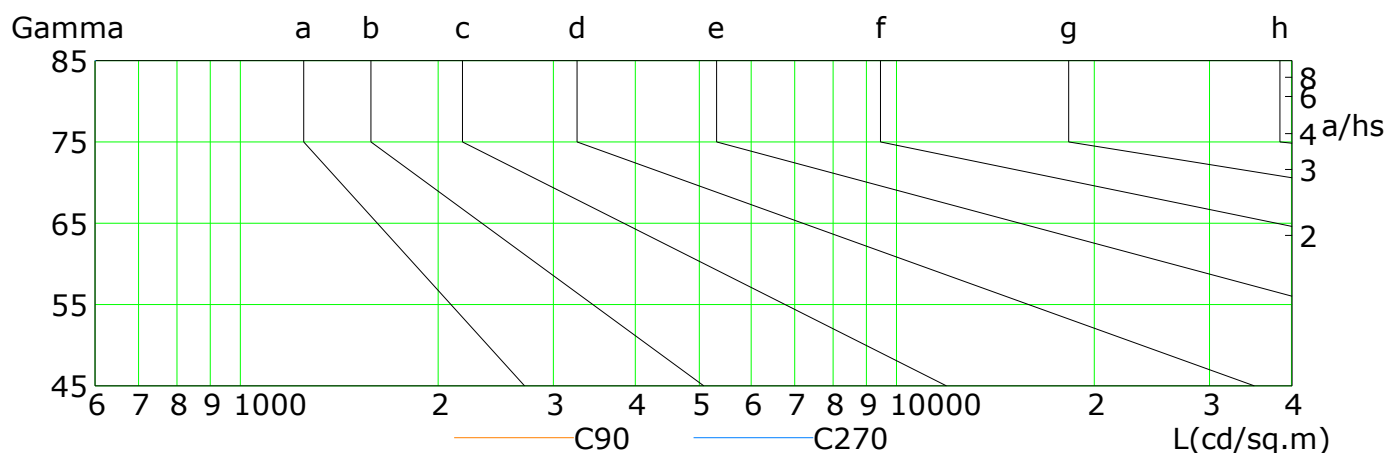
C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300

a b c d e f g h

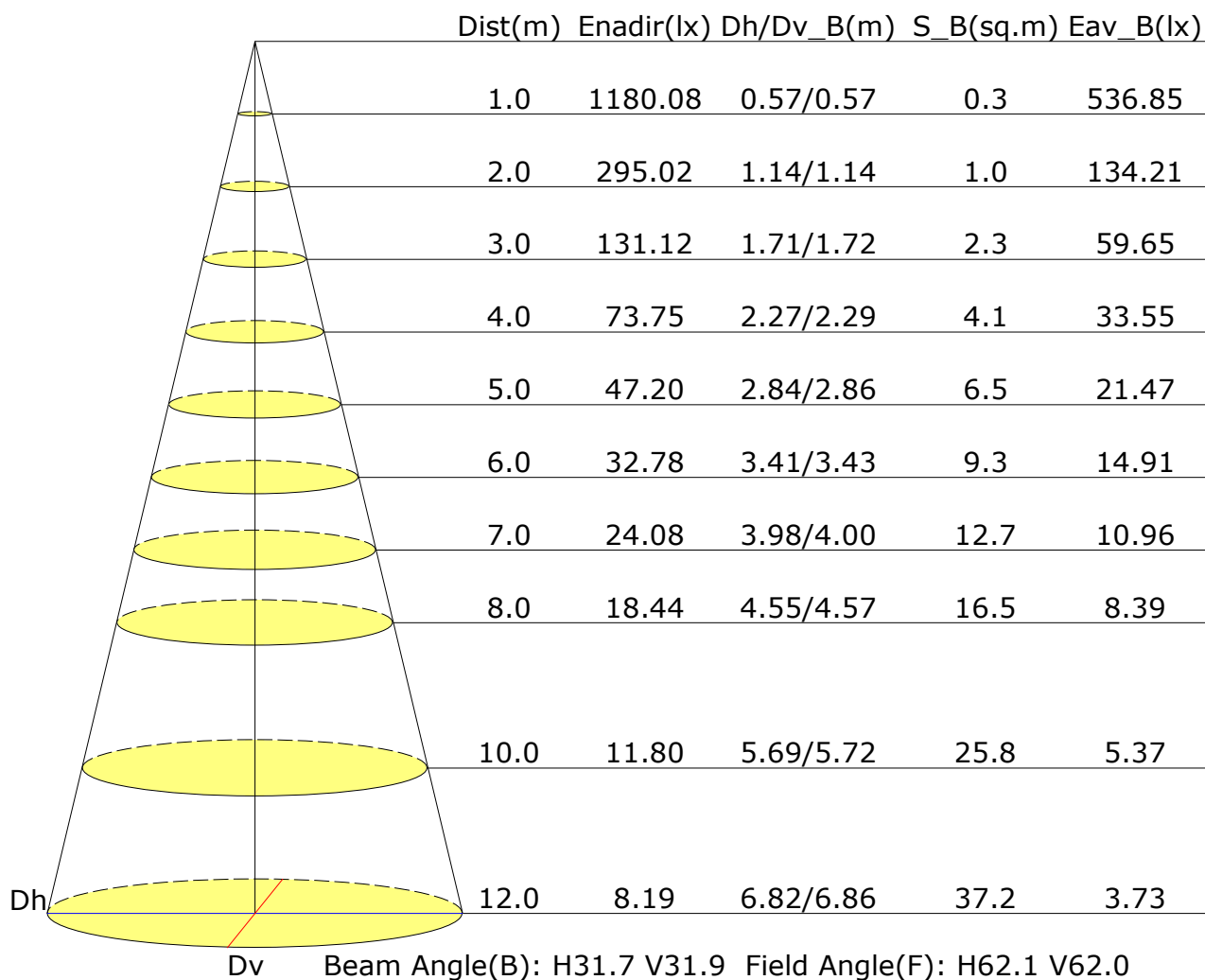


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	18	16	14	10	8	6	4	2	0
C90	17	14	13	10	8	6	4	1	0
C180	15	13	10	8	6	5	3	0	0
C270	16	14	12	9	7	5	3	0	0

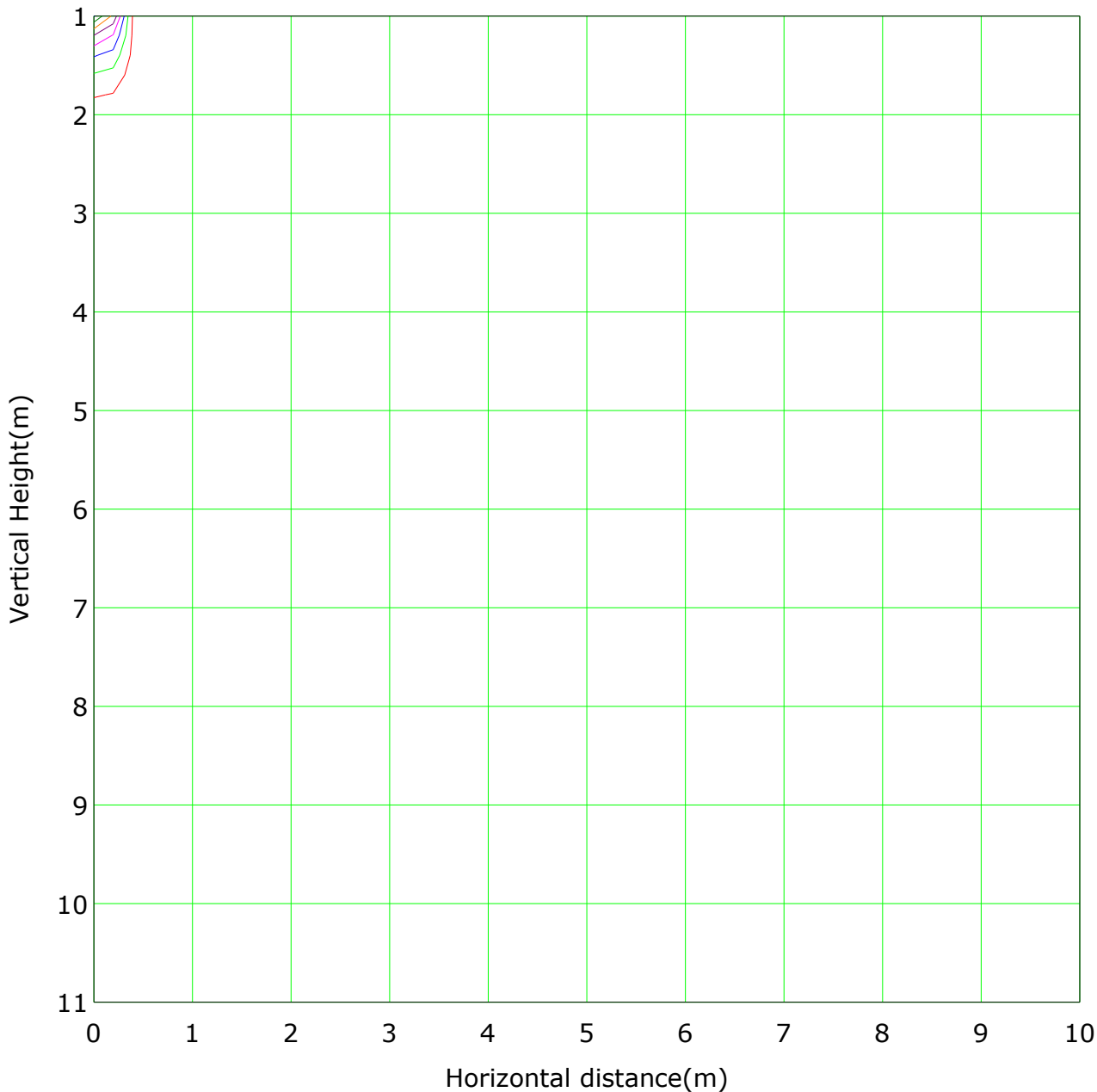
C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



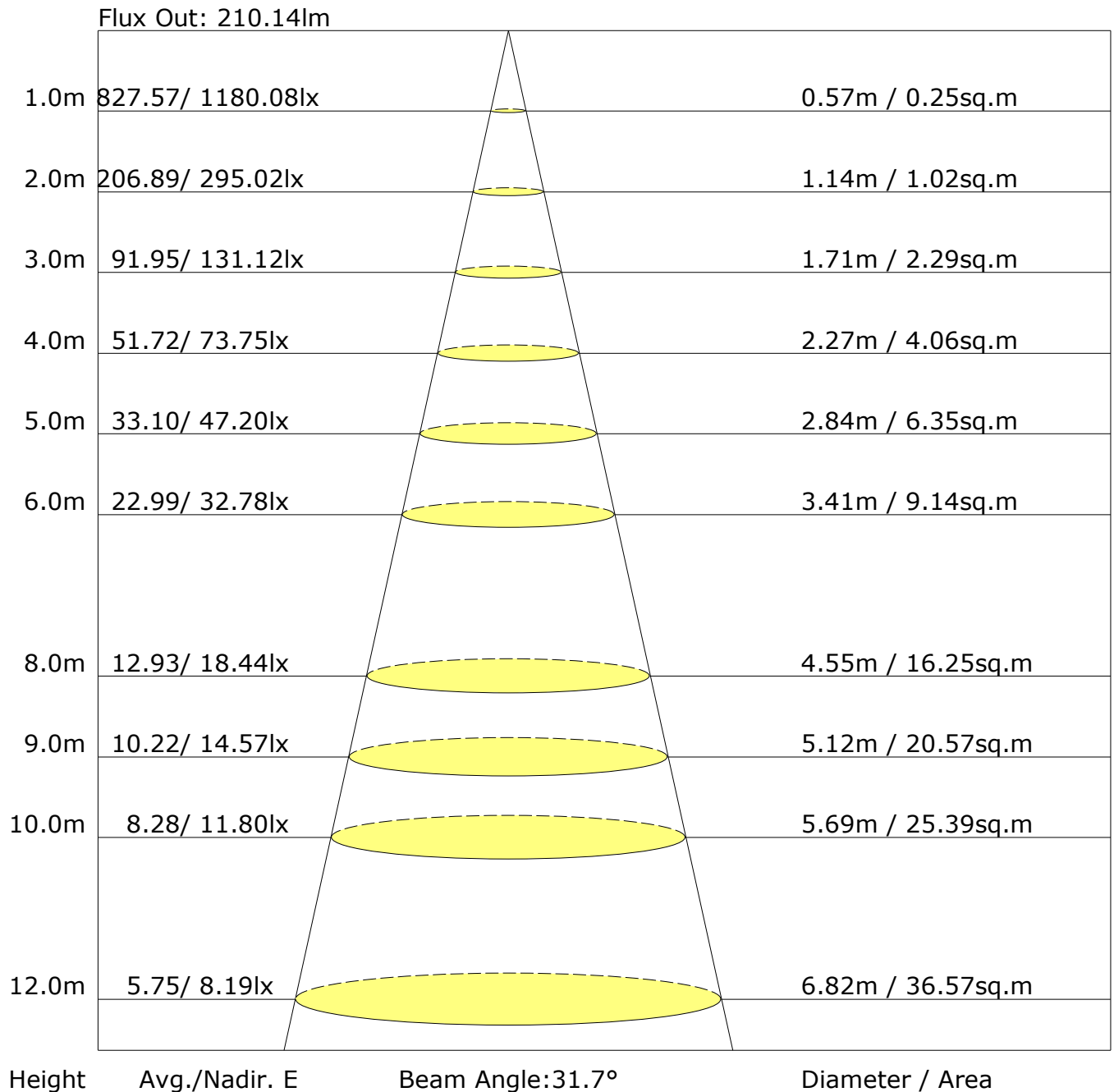
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1180.1 lx

(30%): 354.0 lx	(40%): 472.0 lx
(50%): 590.0 lx	(60%): 708.0 lx
(70%): 826.1 lx	(80%): 944.1 lx
(90%):1062.1 lx	(100%):1180.1 lx
(120%):1416.1 lx	(150%):1770.1 lx

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
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Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

The Average Illuminance Effective Figure



UGR Table

Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=4H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=8H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=12H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
Variations with the observer position at spacings:										
S=1.0H	-1.\$/-1.\$					-1.\$/-1.\$				
S=1.5H	-1.\$/-1.\$					-1.\$/-1.\$				
S=2.0H	-1.\$/-1.\$					-1.\$/-1.\$				

Calculate in accordance with CIE Pub.117. The table is revised with 469lm ($8\log(F/F_0) = -2.6$).

Candlepower Table

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G0.0	1180.1	1180.5	1178.7	1179.9	1180.1	1180.5	1178.7	1179.9	1180.1	
G1.0	1185.4	1184.4	1180.7	1176.9	1170.6	1171.6	1171.8	1179.5	1185.4	
G2.0	1186.2	1187.5	1179.7	1170.1	1157.2	1156.7	1158.9	1173.3	1186.2	
G3.0	1184.4	1186.3	1174.1	1159.5	1135.7	1133.9	1141.0	1163.1	1184.4	
G4.0	1177.7	1180.1	1164.2	1145.6	1110.6	1107.2	1118.0	1147.7	1177.7	
G5.0	1165.2	1170.9	1149.8	1123.8	1079.1	1074.4	1083.1	1125.9	1165.2	
G6.0	1147.2	1153.8	1134.0	1099.5	1044.1	1031.7	1044.3	1094.3	1147.2	
G7.0	1125.6	1133.9	1114.9	1071.2	999.2	984.5	1000.6	1057.6	1125.6	
G8.0	1093.5	1108.7	1087.7	1034.1	952.1	935.9	953.3	1017.6	1093.5	
G9.0	1057.2	1074.4	1055.2	994.9	901.5	885.2	896.6	972.5	1057.2	
G10.0	1015.9	1036.9	1016.5	950.3	846.2	831.0	841.9	918.7	1015.9	
G11.0	966.2	992.1	969.3	895.8	789.5	769.0	785.8	869.7	966.2	
G12.0	917.2	935.0	920.5	842.5	727.2	712.0	726.5	808.6	917.2	
G13.0	864.3	880.8	869.8	784.5	669.8	654.1	668.4	750.5	864.3	
G14.0	807.4	824.2	805.1	727.1	610.9	597.8	611.0	691.1	807.4	
G15.0	743.2	764.4	746.0	662.4	549.3	543.9	552.0	632.2	743.2	
G16.0	681.1	702.3	687.3	602.1	497.5	489.6	502.9	571.3	681.1	
G17.0	619.8	635.8	627.2	543.0	450.8	444.4	458.0	524.6	619.8	
G18.0	560.7	576.2	561.2	489.3	407.9	403.5	416.0	473.4	560.7	
G19.0	508.7	521.8	507.4	435.1	365.5	364.6	376.7	431.6	508.7	
G20.0	457.6	472.5	458.5	391.9	333.2	332.6	340.5	393.8	457.6	
G21.0	415.6	425.3	415.9	352.8	303.9	301.4	309.9	358.4	415.6	
G22.0	373.3	387.4	373.5	316.4	279.2	277.1	284.5	328.3	373.3	
G23.0	339.7	350.2	340.6	289.8	258.5	252.8	259.9	297.4	339.7	
G24.0	312.3	320.1	307.4	268.2	238.5	235.3	240.7	274.4	312.3	
G25.0	287.4	295.7	281.7	249.2	224.6	218.9	224.0	253.9	287.4	
G26.0	263.8	273.3	258.8	232.0	209.3	204.8	207.9	237.7	263.8	
G27.0	245.5	251.8	239.6	217.1	189.5	187.6	189.5	221.8	245.5	
G28.0	229.4	235.0	224.3	198.7	163.3	160.3	166.2	206.8	229.4	
G29.0	216.1	219.6	207.4	174.5	130.9	132.2	137.6	185.4	216.1	
G30.0	198.4	199.3	183.3	146.4	99.5	103.3	112.0	159.5	198.4	
G31.0	171.2	174.0	156.3	113.4	71.7	75.5	81.8	129.5	171.2	
G32.0	142.8	142.2	124.9	85.2	49.2	52.5	57.7	96.2	142.8	
G33.0	109.1	112.3	96.6	58.5	36.2	37.5	40.8	69.7	109.1	
G34.0	80.9	81.6	70.2	41.5	31.2	31.0	32.5	49.0	80.9	
G35.0	56.7	57.7	46.8	33.4	28.0	28.0	29.0	36.7	56.7	
G36.0	40.4	41.4	35.6	30.0	25.4	25.4	26.3	31.4	40.4	

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G37.0	33.0	33.7	31.4	27.1	23.0	22.8	23.6	28.1	33.0	
G38.0	29.6	30.0	28.5	24.6	20.8	20.6	21.3	25.5	29.6	
G39.0	27.1	27.3	25.5	22.3	19.6	19.1	19.4	23.1	27.1	
G40.0	24.4	24.8	22.8	20.3	18.7	18.4	18.5	21.1	24.4	
G41.0	22.2	22.4	20.8	19.0	17.7	17.6	17.7	20.1	22.2	
G42.0	20.5	20.5	19.6	18.2	17.1	17.0	17.2	19.4	20.5	
G43.0	19.4	19.4	18.7	17.5	16.5	16.4	16.6	18.8	19.4	
G44.0	18.5	18.6	17.8	16.8	15.9	15.8	16.2	18.1	18.5	
G45.0	17.8	17.7	17.1	16.2	15.4	15.3	15.8	17.5	17.8	
G46.0	17.2	17.0	16.5	15.7	14.9	14.9	15.6	17.1	17.2	
G47.0	16.7	16.6	15.8	15.3	14.4	14.4	15.3	16.7	16.7	
G48.0	16.4	16.3	15.4	14.8	14.0	13.9	15.1	16.2	16.4	
G49.0	16.2	16.0	14.8	14.4	13.6	13.6	14.7	15.7	16.2	
G50.0	15.9	15.8	14.4	13.9	13.1	13.1	14.4	15.2	15.9	
G51.0	15.4	15.6	13.9	13.5	12.6	12.7	14.1	14.7	15.4	
G52.0	15.1	15.2	13.5	13.1	12.2	12.3	13.6	14.1	15.1	
G53.0	14.8	14.8	13.0	12.6	11.6	11.7	13.1	13.6	14.8	
G54.0	14.3	14.4	12.7	12.0	11.0	11.1	12.3	13.0	14.3	
G55.0	13.7	14.1	12.5	11.5	10.5	10.6	11.8	12.3	13.7	
G56.0	13.0	13.4	12.1	10.9	10.1	10.2	11.2	11.6	13.0	
G57.0	12.3	12.7	11.6	10.5	9.5	9.6	10.6	11.1	12.3	
G58.0	11.6	12.1	11.2	9.9	9.0	9.2	10.0	10.6	11.6	
G59.0	11.1	11.5	10.6	9.5	8.6	8.8	9.5	10.0	11.1	
G60.0	10.5	10.8	10.1	8.9	8.2	8.4	9.1	9.5	10.5	
G61.0	9.9	10.2	9.6	8.6	7.8	7.9	8.6	9.0	9.9	
G62.0	9.4	9.6	9.1	8.1	7.3	7.6	8.2	8.6	9.4	
G63.0	8.9	9.2	8.7	7.8	6.9	7.2	7.8	8.2	8.9	
G64.0	8.5	8.6	8.2	7.4	6.7	6.8	7.3	7.7	8.5	
G65.0	8.0	8.2	7.8	7.1	6.3	6.5	6.9	7.4	8.0	
G66.0	7.6	7.7	7.3	6.8	5.9	6.2	6.6	6.9	7.6	
G67.0	7.2	7.3	7.0	6.4	5.6	5.8	6.2	6.7	7.2	
G68.0	6.9	6.8	6.6	6.0	5.3	5.6	5.8	6.4	6.9	
G69.0	6.6	6.5	6.2	5.7	5.0	5.2	5.5	6.0	6.6	
G70.0	6.2	6.1	5.8	5.3	4.7	4.8	5.1	5.7	6.2	
G71.0	5.8	5.7	5.3	4.9	4.4	4.5	4.7	5.3	5.8	
G72.0	5.5	5.3	4.9	4.6	4.1	4.1	4.2	4.9	5.5	
G73.0	5.2	4.9	4.4	4.2	3.8	3.7	3.8	4.5	5.2	

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G74.0	4.8	4.5	4.0	3.7	3.3	3.2	3.2	4.0	4.8	
G75.0	4.4	4.0	3.6	3.3	2.9	2.7	2.6	3.5	4.4	
G76.0	4.0	3.6	3.1	2.8	2.3	2.1	2.0	3.0	4.0	
G77.0	3.6	3.2	2.7	2.2	1.9	1.4	1.4	2.4	3.6	
G78.0	3.3	2.6	2.0	1.6	1.2	0.8	0.9	1.6	3.3	
G79.0	2.8	2.0	1.5	1.1	0.7	0.5	0.6	0.9	2.8	
G80.0	2.4	1.3	1.0	0.7	0.4	0.4	0.5	0.7	2.4	
G81.0	1.9	0.8	0.6	0.6	0.3	0.3	0.3	0.5	1.9	
G82.0	1.3	0.6	0.5	0.4	0.2	0.2	0.2	0.4	1.3	
G83.0	0.6	0.4	0.4	0.3	0.1	0.1	0.1	0.3	0.6	
G84.0	0.3	0.3	0.2	0.2	0.0	0.0	0.1	0.2	0.3	
G85.0	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.1	0.2	
G86.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	
G87.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
G88.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G111.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G119.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	
G120.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	
G121.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	
G122.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	
G123.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	
G124.0	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	
G125.0	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	
G126.0	0.0	0.1	0.1	0.2	0.0	0.0	0.1	0.1	0.0	
G127.0	0.0	0.1	0.1	0.2	0.0	0.0	0.1	0.1	0.0	
G128.0	0.0	0.1	0.1	0.2	0.0	0.1	0.1	0.1	0.0	
G129.0	0.1	0.2	0.2	0.3	0.0	0.1	0.1	0.1	0.1	
G130.0	0.1	0.2	0.2	0.3	0.0	0.1	0.1	0.1	0.1	
G131.0	0.1	0.3	0.3	0.4	0.0	0.1	0.2	0.2	0.1	
G132.0	0.2	0.3	0.3	0.5	0.1	0.2	0.2	0.2	0.2	
G133.0	0.3	0.4	0.4	0.5	0.1	0.2	0.3	0.2	0.3	
G134.0	0.3	0.4	0.4	0.6	0.1	0.2	0.3	0.3	0.3	
G135.0	0.4	0.5	0.5	0.7	0.1	0.3	0.4	0.3	0.4	
G136.0	0.5	0.6	0.5	0.8	0.2	0.3	0.4	0.3	0.5	
G137.0	0.6	0.7	0.7	0.9	0.2	0.4	0.5	0.4	0.6	
G138.0	0.7	0.8	0.7	1.0	0.3	0.4	0.5	0.5	0.7	
G139.0	0.8	0.9	0.9	1.1	0.4	0.5	0.6	0.5	0.8	
G140.0	0.9	0.9	0.9	1.2	0.4	0.6	0.7	0.5	0.9	
G141.0	0.9	1.0	1.0	1.3	0.5	0.6	0.7	0.6	0.9	
G142.0	1.0	1.2	1.2	1.4	0.6	0.7	0.8	0.7	1.0	
G143.0	1.2	1.3	1.3	1.6	0.6	0.8	0.8	0.8	1.2	
G144.0	1.3	1.4	1.4	1.7	0.7	0.9	0.9	0.8	1.3	
G145.0	1.4	1.6	1.6	1.9	0.8	0.9	0.9	0.9	1.4	
G146.0	1.6	1.7	1.7	2.0	0.9	1.0	1.0	0.9	1.6	
G147.0	1.7	1.9	1.9	2.2	0.9	1.1	1.1	1.0	1.7	

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G148.0	1.9	2.0	2.0	2.3	1.0	1.2	1.2	1.1	1.9	
G149.0	2.0	2.1	2.2	2.5	1.0	1.2	1.3	1.2	2.0	
G150.0	2.2	2.3	2.3	2.7	1.2	1.3	1.4	1.2	2.2	
G151.0	2.4	2.5	2.5	2.8	1.2	1.4	1.4	1.4	2.4	
G152.0	2.5	2.7	2.7	3.0	1.3	1.5	1.5	1.4	2.5	
G153.0	2.7	2.8	2.8	3.1	1.4	1.6	1.6	1.5	2.7	
G154.0	2.8	3.0	3.0	3.3	1.4	1.7	1.7	1.6	2.8	
G155.0	3.0	3.1	3.1	3.4	1.6	1.8	1.8	1.7	3.0	
G156.0	3.2	3.3	3.3	3.6	1.7	1.8	1.8	1.7	3.2	
G157.0	3.3	3.4	3.4	3.8	1.7	1.9	1.9	1.8	3.3	
G158.0	3.4	3.6	3.6	3.9	1.8	1.9	2.0	1.9	3.4	
G159.0	3.6	3.7	3.7	4.0	1.9	2.0	2.0	2.0	3.6	
G160.0	3.7	3.8	3.8	4.1	2.0	2.1	2.1	2.0	3.7	
G161.0	3.8	3.9	4.0	4.2	2.0	2.1	2.1	2.0	3.8	
G162.0	3.9	4.0	4.0	4.2	2.0	2.2	2.2	2.1	3.9	
G163.0	4.0	4.1	4.1	4.3	2.1	2.3	2.3	2.2	4.0	
G164.0	4.0	4.2	4.2	4.3	2.2	2.3	2.4	2.2	4.0	
G165.0	4.0	4.2	4.2	4.4	2.2	2.4	2.5	2.4	4.0	
G166.0	4.1	4.2	4.3	4.3	2.3	2.5	2.5	2.4	4.1	
G167.0	4.1	4.2	4.3	4.4	2.4	2.6	2.6	2.5	4.1	
G168.0	4.1	4.3	4.3	4.4	2.4	2.7	2.7	2.6	4.1	
G169.0	4.1	4.3	4.3	4.3	2.6	2.7	2.7	2.7	4.1	
G170.0	4.1	4.3	4.3	4.3	2.7	2.8	2.8	2.7	4.1	
G171.0	4.1	4.2	4.2	4.2	2.7	2.8	2.9	2.8	4.1	
G172.0	4.0	4.2	4.2	4.2	2.8	3.0	3.0	2.8	4.0	
G173.0	4.0	4.2	4.2	4.1	2.9	3.0	3.1	3.0	4.0	
G174.0	4.0	4.1	4.1	4.0	3.0	3.1	3.1	3.0	4.0	
G175.0	3.9	4.0	4.0	4.0	3.1	3.2	3.2	3.1	3.9	
G176.0	3.8	4.0	4.0	3.9	3.1	3.3	3.3	3.2	3.8	
G177.0	3.7	3.9	4.0	3.8	3.2	3.4	3.4	3.3	3.7	
G178.0	3.7	3.8	3.8	3.7	3.3	3.5	3.5	3.4	3.7	
G179.0	3.6	3.8	3.8	3.7	3.4	3.5	3.6	3.5	3.6	
G180.0	3.5	3.7	3.7	3.6	3.5	3.6	3.7	3.6	3.5	

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector: